

Where results count.



PORTABLE TOOLS



INDUSTRY In thousands of industrial plants, problems of intermittent repair and maintenance or sustained production line duty are being answered by SKIL tools. Take the case of the maintenance foreman whose repair problem required drilling in tough material . . . in cramped quarters. He looked to SKIL, because SKIL has a choice of 25 powerful, compact drills that will give him the exact size . . . exact speed . . . to fit his specific drilling problem.



CONSTRUCTION On both light and heavy duty construction — where going is really tough — SKIL tools deliver. Construction men know this; that's why there are more SKIL saws in use today than any other make! They like their speed on framing, on ease of handling on overhead cuts . . . high for use for cutting concrete. But best of all, SKIL saws like the many other SKIL tools, keep going when the going is really tough!

WHEREVER THE **FINEST**

TOOLS ARE NEEDED,

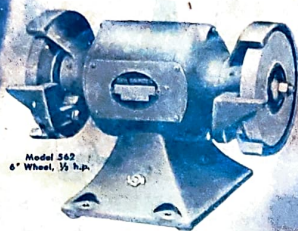
YOU'LL FIND **SKIL TOOLS**



AUTOMOTIVE SERVICES In the automotive field as in other industries, SKIL tools are used because they've outperformed competition. There's the garage owner who was losing money on his polishing service. He put a SKIL Special Duty Auto Polisher to test . . . found that its light weight cut operator fatigue . . . its power got more jobs done faster . . . its low cost made it easy-to-own. The result — profits!

WHEEL GRINDERS

- For Grinding, Buffing, Sharpening, Polishing—At a Lower Cost
- Choice of Six Rugged Models from 4" to 10" H.P. 1/2, 1 & 2 H.P.

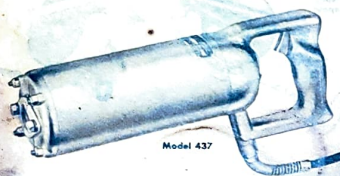


Model 362
6" Wheel, 1/2 h.p.

A SKIL Bench Grinder gives you more power and work capacity, better design and construction — for less. Each of six models has a powerful, vibration-free motor for sustained service. Each has extra-sealed ball bearings for a smoother-running, longer-lasting life. Special designed 1/4 and 1/3 h.p. models have flat-faced motor housing for extra work clearance... 1/2 and 1 h.p. models give you capacitor-start motors for heavy duty work.

ELECTRIC HAMMER

- Strikes 3600 Powerful Blows Every Minute
- Only One Working Part Assures Trouble-Free Service

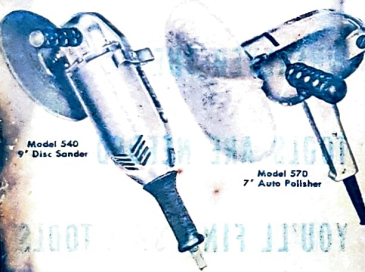


Model 437

You can depend on the SKIL Hammer for jobs requiring powerful, rapid hammer blows. Versatile and labor saving, this tool delivers 3600 sharp blows per minute — star drilling, channelling, scaling, or on any of its other uses. Incorporates a specially designed power unit of two magnets eliminating all gears, cranks and rods... giving freedom from maintenance worries. Has exclusive, patented, contour-grip handle for gripping comfort and easy handling.

DISC SANDERS

- For Licking Tough Sanding Jobs in Plant or Garage
- For More Polishing Profits Per Man Hour



Model 540
9" Disc Sander

Model 570
7" Auto Polisher

SKIL Disc Sanders are scientifically geared for most efficient sanding action possible. Work at fast pace on all jobs from removing paint to smoothing welds. Choice of six models for smallest auto repair jobs to heaviest industrial use. SKIL Auto Polishers get more work done faster, at less operator fatigue, at less cost. Newly designed SKIL Special Duty Polisher at new low cost is best buy in automotive field today! Proven a profit-maker in extensive field tests!

OSCILLATING SANDER



Model 438

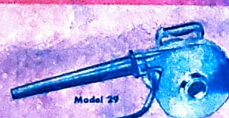
One of the finest cutting, portable finishing sanders made! Exclusive compound motion produces ripple-free finishes. Gearless drive prevents expensive maintenance. May be applied by adhesive or new, simplified clamp. Popular with carpenters, cabinet shops or for automotive feathering jobs.



Model 17

For fast cleaning of sheet metals, 16 gauge and over. Deflector plate follows line of shape. Deflector plate follows line of shape. Deflector plate follows line of shape. Deflector plate follows line of shape.

BLOWERS



Model 29

Ideal for cleaning dust and dirt from motors of every size... for drying out moisture which may get in motor windings... wherever dust and dirt removal presents a maintenance problem. Convert easily to powerful suction cleaners. Choice of five models with varied velocities.

WHEEL GRINDERS

- Six Models in Class Die Grinding to Heavy Duty Grinding
- Built to Stand Up to Hard, Continuous, Industrial Use

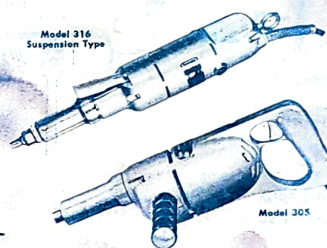


Model 142
6" Wheel

From delicate grinding to heaviest grinding, tuckpointing, buffing or polishing... there's a SKIL Grinder to do the job. Top performance is insured on toughest work by full ball bearing construction, powerful motor and wide range of accessories. Choice of 4, 5 and 6" models for production use and heavy grinding. 7 1/2" grinder for more precision grinding and 8" tuckpointer for cleaning out mortar in masonry construction.

SCREW DRIVERS

- 20 Models in Class
- None Better for Most Industrial Fastening Problems
- Power, Ease-of-Handling, Durability



Model 316
Suspension Type

Model 305

More dollars and hours are being saved everyday on production fastening of screws, bolts or nuts by the use of SKIL Drivers. A complete line includes a wide range of capacities to meet practically all industrial requirements. Each driver available in several speeds, with positive or adjustable clutch, with or without reversing switch. Excellent for production-line work are suspension type models. Convenient is large assortment of bits, finders, socket wrench shanks and sockets.

FLOOR SANDER

- The Perfect Combination for Flooring Contractor, Tool Rental Dealer, Hardware or Paint Store



Model 10
Floor Edger

Model 301
Floor Sander

Light weight and exceptional power allows this SKIL Floor Sander to produce more square feet of fine sanding at a lower cost. A 6-pole universal motor makes snap work out of difficult jobs... experts out of amateurs. Easy to maintain, easy to move around. Has 8" sanding drum. Its efficient companion, SKIL Floor Edger, finishes areas along walls, on stairs, in closets and other hard-to-reach spots. Equipped with two motors for efficient, dustless operation.

FAT GRINDERS



Model 411

Powerful grinders for rebar, rods, and truck engines. Easy to handle on the job. Permits easy work in tight spaces. Bearing and gear construction insure long life. Both standard and heavy duty models available.

A compact, powerful unit for doing a standard grinding job. Valve gear permits easy work in tight spaces. Bearing and gear construction insure long life. Both standard and heavy duty models available.

PNEUMATIC TOOLS



Pneumatic Drill

Unequalled for compactness, power, ease-of-handling, low maintenance and long life. Each SKIL pneumatic tool is designed for heavy duty grinding, hammering, drilling, etc. See your SKIL Distributor or write direct for the SKIL Pneumatic Tool catalog.

SKIL...THE MOST TRUSTED TOOLS IN THE WORLD

SAWS

- 10 Hard-Working Models to Meet All Cutting, Scoring, Grooving Operations • Can't be Beat for Easy Handling and Control



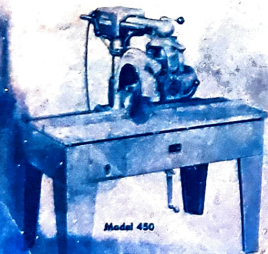
Model 800
Cuts 2 1/2"

Model 825
Cuts 2 1/2"

• Over a half million carpenters and contractors use the saw that out-cuts and out-lasts any other saw on the market . . . SKIL Saw. With SKIL Saw you get scientific placement of handles for easy, one-hand operation on routine sawing . . . sure two-handed control on rough cuts. Extra-strong shafts, smooth running gears, ball bearing construction and die cast housings keep them out of the shop and on the job. Cut wood, metal, stone or composition. Available in cutting capacities from 1 7/8" to 4 3/8" and with blade sizes from 6" to 12".

RADIAL SAW

- A Complete Adjustment



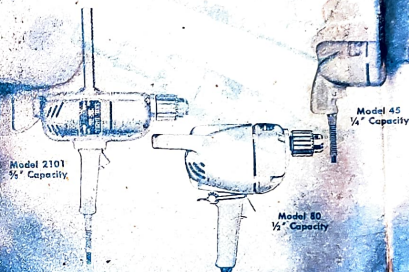
Model 450

Working Shop in One Unit • Easy Time, Give More Production Per Man Day

• Here's a job-proven unit that includes every advanced feature needed for high-production sawing. Exclusive, retractable arm provides more work room . . . glides effortlessly on bearings that can be quickly adjusted for constant precision cutting. All controls located at front of machine for instant adjustment. Positive index locks saw at all common cutting angles . . . eliminating guesswork. Also available are SKIL Radial Support and Saw Guide for converting Portable saw to radial saw.

DRILLS

- 25 Models for Production, Installation, Maintenance or Repair • Wide Choice of Capacities, Speeds Provide "Custom-Fit" Drills



Model 2101
3/4" Capacity

Model 45
1/4" Capacity

Model 80
1/2" Capacity

• Whatever the job, there's a SKIL Drill with the right speed and capacity. There's the high-torque, big-capacity, SKIL Drills that make boring in heavy construction timbers or drilling in tough metal easy. Or the power-packed, small and light, 1/4" drills that are unsurpassed for close-quarter production, assembly or installation work. With capacities to 1" in steel and 2" in hardwood, and speeds from 200 r.p.m. to 5000 r.p.m., you're sure to find the perfect drill for the job.

BELT SANDERS

- Gives Smoother Finishes — Much Faster for Any Field, for Many Different Operations



Model 440
3" Belt

• For fast stock removal, speedy finishing of wood, metal, stone . . . SKIL Belt Sanders can't be matched. Greater power and extra portability are big reasons for their popularity in the construction and industrial fields, shipyards and institutions. Sturdy construction to withstand rough, daily use and a "touch-control" lever to allow 10-second belt change help you save dollars and hours on any job. SKIL Belt Sanders are the fastest, most economical answer to your sanding problems.

SKIL
PORTABLE TOOLS

SKIL
PORTABLE TOOLS

THE SKIL GUARANTEE

All SKIL equipment is thoroughly inspected and tested before it leaves our factory and is guaranteed to be free from defects in material or workmanship. Should a SKIL product fail to give satisfactory service, return the complete tool to our factory or nearest factory branch with transportation charges prepaid. We will replace free of charge any part found by us to be defective due to faulty material or workmanship; provided repairs have not been made or attempted by others.

SKIL TOOL SERVICE—Fast and efficient service for any SKIL product is available at the factory branch service stations in the cities listed below. It is our policy to provide prompt and dependable service throughout the life of every SKIL tool manufactured and sold by us.

Atlanta 3, Ga.	116 W. Peachtree St., N.W.	Baltimore 18, Md.	2436 N. Clifton St.
Boston 15, Mass.	50 Exchange Ave.	Buffalo 2, N.Y.	1400 Tonawanda St.
Charlotte 6, N.C.	8111 Trade St.	Chicago 90, Ill.	1001 S. Dearborn St.
Cincinnati 2, Ohio	1001 S. Dearborn St.	Cleveland 15, Ohio	1572 Zanesville Rd.
Dallas 1, Texas	1420 Main St.	Dayton 1, Ohio	37150 Wyandale Ave.
Denver 21, Colo.	37150 Wyandale Ave.	Hillside 2, N.J.	641 State Highway 20
Houston 2, Texas	2646 Glen Road	Indianapolis 2, Ind.	1620 N. Grand St.
Kansas City 8, Mo.	1555 Grand Ave.	Los Angeles 3, Calif.	7731 S. Broadway
Memphis 4, Tenn.	2077 Exchange St.	Minneapolis 2, Minn.	1341 E.W. 27th St.
Philadelphia 16, Pa.	1518 Arch St.	Pittsburgh 22, Pa.	1000 2nd Ave.
Rochester 14, N.Y.	2000 2nd Ave.	St. Louis 8, Mo.	1325 N. New St.
St. Paul 1, Minn.	1325 N. New St.	San Francisco 3, Calif.	1000 2nd Ave.
Seattle 1, Wash.	1000 2nd Ave.	Winnipeg, Quebec, Canada	2071 St. John St.
Toronto, Ontario, Canada	2071 St. John St.		

SEE THE NEW SKIL GENERAL CATALOG
BUY FROM YOUR SKIL DISTRIBUTOR

SKILSAW, INC., 5033 N. 1ST AVE., CHICAGO 30, ILL.

PRINTED IN U.S.A.

Where results count



SKIL

A RTAEL TOOLS

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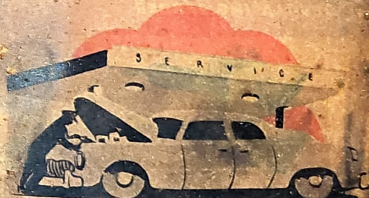


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getting
the most
from your

SKIL SAW



of cut adjustment

front of motor housing and
Saw cut away shoe in 5° this facing
To Saw Guarantee page 1
Saw page 2
SKIL Saws page 3
SKIL Saw page 4
page 5
page 6
page 7
page 8



OPERATION • MAINTENANCE
SKILS, INC. • 5033 ELSTON AVENUE

depth
lumber
depth

SKIL Saw — Outstanding in performance,
design and materials.



...up to 60 degrees. Adjustable blade.

weight.
...steel, carefully cut to assure long
...and thrust bearings on every
...and bearings
...contact, enclosed switch with ground
...shields blade when not cutting.
...blade stud.
...shaft, provides sturdiest possible construction.
...removed.
...perfect balance, easy handling, greatest compactness.

Model 825
Cuts 2 3/4"



Model 87
Cuts 2 3/4"

Model 77
Cuts 2 1/2"



THE SKIL GUARANTEE

Every SKIL Tool is thoroughly inspected and tested before it leaves our factory and is guaranteed to be free of material or workmanship. Should a SKIL Tool require factory service, return the complete tool to our factory branch, with transportation charges prepaid. We will replace free of charge any part found by inspection to be faulty material or workmanship, provided it was not made or attempted by the user.



Model 67
Cuts 1 1/2"

f cut adjustment

Point of motor housing	page 1
Saw cut away	page 2
Adjustment	page 3
Saw	page 4
Special use	page 5
Maintenance on SKIL Saw	page 6
General maintenance tips	page 7
SKIL Saw Accessories	page 8
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Model 177
Grooves to
1" wide



Model 2127
(Pneumatic)
Cuts 4 3/4"



IES
depth of
umber
depth

GENERAL INFORMATION

Packing

Make sure that all equipment is included with your new SKIL Saw. In addition to the saw and steel carrying case you should have the following: One combination blade, 10 feet of 3-conductor rubber covered cord with two-prong connector, wrench to fit gear case, plug and saw blade stud, and a container of special SKIL Lubricant.

POWER SOURCE

Be sure the power line supplies the same voltage as stamped on SKIL Saw nameplate. Connect your SKIL Saw as close to the switch box as possible and do not operate other electrical equipment or lights from the same circuit while saw is in use.

Select an extension cord of sufficient gauge and length to cover your work area. A light gauge extension cord will not carry full voltage, causing excessive heat and possibly sustaining damage. See chart and listing for proper selection. Do not exceed your maximum amp rating of the saw motor to avoid overheating of SKIL Extension Cord.

Important to your safety is the unfailing use of the ground wire projecting from the side of the connector. The other end of this wire is attached to the tool. Short circuits which may occur will pass through it safely. No electric tool is completely free of shock hazard to the operator, particularly in damp locations, when cutting wet materials or when using a SKIL Water Feed Attachment.

To ground your SKIL Saw, attach the green wire as shown in the illustration or solder an extension to it for fastening to a water pipe, conduit, metal building structure, or temporary ground such as a metal rod driven into the earth. As an extra precaution, wear rubber gloves when using SKIL Water Feed Attachment. For utmost convenience and safety, the use of 3-conductor extension cords is advised. See Accessories.



HOW TO USE



It's easy to operate your SKIL Saw, but important to know how. The few minutes required to read the following instructions will, if the instructions are observed, result in your receiving long and trouble-free service.

Depth of cut adjustment

Loosen wing nut on left side of motor housing. Pull down base until arrow on base corresponds with depth of cut desired. Tighten wing nut. See other information on accessories.

Angle of cut adjustment

Loosen wing nut in front of motor housing and tilt base. Angle desired adjusting arc is 0°; second is 15°; third is 30°; fourth or maximum adjustment marks are for your convenience—any adjustment between 0° and 45°.

Sighting notches

On the leading edge of the saw base are two notches. The deep notch is for sighting line of cut when operating SKIL Saw in normal (blade vertical) position. The shallow notch is for sighting when full 45° cut is being made.

Blower

Line of cut need not be cleared manually of sawdust, since part of exhaust from motor cooling fan clears it automatically.

*

always disconnect saw from power line before changing blades, lubricating or inspecting



making a cut

With switch in "off" position, rest the front edge of SKIL Saw base flat on work. Start saw by pulling back on trigger switch and begin cut, being careful not to jam saw blade into work suddenly. Forcing may place unnecessary strain on operating parts and possibly require their premature replacement. For most cutting operations, guiding saw through the work with one hand is all that is necessary.

10-
must
no
228-
65-6
266

switch care

If motor stalls still due to dull blade or unnecessary pressure, do not release switch at once, but press back on saw first, allowing blade to run free before shutting off motor. This procedure will reduce burning of contact points and greatly lengthen switch life.

forming cuts

Various lumber-forming cuts can be made with any SKIL Saw. Not only can rip and cross cuts be made with a maximum of two adjustments, bevel miter and bevel miter cuts are easily made. Just change from your combination blade to a SKIL Groover Blade, and SKIL Saw can groove and plough with ease.



Saw will prove a time-saver in making pocket holes for setting out panels or sections in walls, floors, or other materials where cut must be started on the surface instead of edge. Use of drill and hole saw is eliminated.

changes

Only special wrench provided and avoid damage to saw blade stud. Remember that saw blade studs (except Model 800) have left-hand threads. Model 800 stud has right-hand thread.

Be sure when changing or replacing metal blades that blade teeth are pointing in direction of rotation, or clockwise on all SKIL Saws except Model 800, the blade teeth on which point in a counter-clockwise direction.

Always disconnect saw from power line before changing blades, lubricating or inspecting.



A quick change to the proper Cut-off Wheel (Abrasive Disc) readies your SKIL Saw for cutting any building stone from concrete to granite.

Your SKIL Saw, properly equipped, is a tool of many uses. Together with its primary use as a lumber forming tool, SKIL Saw cuts many other materials. Long-lasting Diamond Grit Blades (used only with Water Feed Attachment) will cut all stone and masonry materials without dust or damage to equipment. Cut-off Wheels (Abrasive Discs) will cut and score concrete, stone, slate, cast iron and alloy steels with or without Water Feed.

When using Cut-off Wheels, be careful not to exert pressure on disc, or force it. Fastest cutting is obtained by allowing speed to do the work. We recommend the use of safety goggles with these discs.

Non-ferrous metals such as lead, sheet and tube aluminum, copper and brass may be cut quickly with SKIL Saw Metal Slitting Steel Blades. For further information and listing of special purpose blades, see section on SKIL Saw Accessories.



SKIL Diamond Metal Blades with Water Feed Attachment cut fast through asbestos cement pipe and shingles, speed cutting of a wide variety of materials such as ebony board, building blocks, concrete.

Both plain and corrugated sheet metal can be quickly and easily cut, as well as flat and corrugated sheets of compressed asbestos board. Use SKIL Abrasive Discs or Metal Slitting Steel Blades, depending on material.



MAINTENANCE OF YOUR SKIL SAW

Lubrication — important

A supply of special SKIL Lubricant is furnished with each SKIL Saw. Do not use any other type of lubricant!

SKIL Lubricant is specially compounded to give maximum protection under a wide variety of operating conditions and temperatures.

The wrong kind of lubricant can cause unnecessary damage to your SKIL Saw since it may fail to maintain the necessary protective film between moving parts. We reserve the right to revoke our guarantee in such cases. Keep an adequate supply of genuine SKIL Lubricant on hand at all times.

Inspection

For lumber

SKIL Saws level of lubricant daily before using saw. Current model SKIL Saws (except Model 100) are equipped with a clear plastic inspection window on right side of gear housing. This window should be kept level with the small dot in center of this window. Other SKIL Saws are inspected by removing the gear case filler plug and observing level as above. Maintain the level in these SKIL Saws so that lubricant just covers top of steel arm gear. More lubricant than this will cause overheating and excessive leakage.

Changing lubricant

Drain while warm and refill your SKIL Saw with fresh SKIL Lubricant two or three times a year, depending on use. It should not be necessary to flush with kerosene if SKIL Lubricant has been used. If emergency conditions have forced you to use other than genuine SKIL Lubricant: Remove, flush with kerosene, and allow saw to drain for a few minutes. Obtain SKIL Lubricant from your SKIL Tools Distributor or nearest factory branch and refill gear case to correct level. **NEVER USE GASOLINE FOR FLUSHING!**

Other lubrication notes

Always place SKIL Saw in normal operating position (with base horizontal) when checking lubricant level or refilling.

If your SKIL Saw is operated at extremely low temperatures, run saw for a few minutes before starting to cut.

SKIL Lubricant is of several different types. The model SKIL Saw you have, and in some cases the serial number of that model, determine the type of SKIL Lubricant to be used. Always give model and serial number of your saw when ordering. See listing under Accessories.

brushes

Accessible by unscrewing two black composition caps at either side of motor housing with screwdriver or edge of coin. Carefully remove springs with carbon brushes attached. Check brushes for excessive wear, springs for lack of tension. If brushes are worn to within $\frac{1}{4}$ inch of springs, are chipped or burned, replace immediately. Also replace if springs are weakened from long use. If brushes are still in good condition, but with shunt (copper conducting wire) slightly twisted, just turn in opposite direction several times to prevent further twisting when replacing the brush caps.

care of cords and extensions

The cord with which your SKIL Saw is equipped and the various sizes of extensions obtainable through your SKIL Tools distributor are heavy-duty, high-load capacity. Extreme flexibility is gained from the use of stranded copper conductors, individually rubber covered and cotton-wound. These cords will withstand considerable abuse, but for longest life should be given reasonable care.

When in use, place the cord so it will not be run over by heavy equipment, be pinched or cut in any way. When saw is not in use, coil cord loosely and place in the carrying case with saw. Coil extensions similarly and lay flat. Keep in cool, dry place. Store for any length of time. Wipe cords clean occasionally to prevent rubber deterioration from oil, grease, soil acids. Replace connectors if damaged or badly bent.

Cleaning

Periodically, clean your SKIL Saw of sawdust, masonry or metal dust which has collected in the ventilating slots and inside the housing. With saw disconnected, scrape caked dirt loose from ventilating slots with a small screwdriver or penknife, being careful not to insert blade into housing. While running the saw, use an industrial blower or compressed air outlet to loosen and blow out this dirt, directing air through all slots.

* **always disconnect saw from power line before changing blades, lubricating or inspecting**

With Model 800 cuts lumber to 18" wide, $2\frac{1}{2}$ " vertical depth of cut, $2\frac{1}{8}$ " at 45°.

MAINTENANCE SKIL Saw will not operate or run irregularly—

See that all connectors are making good contact, and that excessive kinking or cuts have not broken a wire in the cord.

Check fuse box and try to determine cause if fuse is blown. Never use fuses of more than 30 amperes capacity. Since continued blowing of fuses indicates possible malfunction, do not continue to use saw, but have it checked by one of our service outlets.

Examine brushes for proper tension, contact. Arcing at brush contact points on commutator indicates need for brush replacement or armature servicing.

For smoothest cutting, keep blades sharp! Maintain teeth at uniform height, and replace and set with gullets of uniform depth. A dull blade not only slows speed and makes a rougher cut, but overloads motor and parts, increasing consumption.

Files and special files are listed under Accessories if you prefer to sharpen blades. Our factory and SKILSAW Branches offer you repair service, including sharpening, filing and setting of blades by trained personnel. You may take advantage of this service to which you are entitled at reasonable cost. Saw owner may use an extra blade or two as a spare for use while one is being sharpened.

Repair facilities for SKIL Saw and Accessories

After long, hard use, your SKIL Saw will show wear and worn parts will need replacing. For your convenience we maintain factory branches and service stations in all principal cities ready to give you prompt and efficient service when needed. Tools may also be shipped direct to the factory for repair. Every SKIL Tool sent to us for repair must pass a rigid inspection to insure that it is in first class operating condition before its return to the user.

When tools are shipped, transportation charges must be prepaid by the sender and a separate letter mailed to identify it. Indicate repairs required, and supply return shipping instructions. See back cover for list of factory branches.

*

always disconnect saw from power line before changing blades, lubricating or inspecting

SKIL SAW



SKIL heavy duty extension cords

FULL POWER FROM OUTLET TO SAW

These Extension Cords are manufactured of heavy duty flexible stranded copper, all rubber covered. Only this quality assures long life under severe outdoor service. Powerful SKIL Saws when used with extension cords, require cords of sufficient gauge size to prevent harmful drop in voltage when the tool is under load. Distance from outlet to where the tool is used governs the size required. It is essential to use heavier gauge wire as distance from outlet increases.

RECOMMENDED WIRE GAUGES FOR SKIL SAWS

The chart indicates proper size of wire for lengths shown, for use with each tool. Be sure to use outlet box as base point for estimating distance. (This is the point where electrical service first enters the building or structure.)

BOX DISTANCE FROM OUTLET	SKIL SAW MODEL NUMBER					
	67	77 or 177	825 or 800	87	107	127
50 ft.	14 ga.	14 ga.	14 ga.			12 ga.
100 ft.	14 ga.	14 ga.	14 ga.			
150 ft.	12 ga.	12 ga.	12 ga.			
200 ft.	12 ga.	12 ga.	12 ga.			
300 ft.	10 ga.	8 ga.				

2-CONDUCTOR EXTENSION CORDS WITH STANDARD CONNECTORS		Size, in.	
No.	Length		
203	50 ft.	6 x 1/8	
208	100 ft.	6 x 3/16	
204	50 ft.	6 x 1/8	
207	100 ft.	7 1/4 x 7/8	
202	100 ft.	8 x 1/2	
204	100 ft.	9 x 1/2	
		10 x 1/2	
		12 x 1/2	

CONNECTORS FOR SKIL SAW EXTENSION CORDS

- DESIGNED CONNECTORS**
 2 Prong and 3 Prong
 No. 123—Male, straight 2 prong to 1/2 wall receptacle.
 No. 243—Female, straight 2 prong.
 No. 257—Male, straight 3 prong.
 No. 259—Female, straight 3 prong.

Only marble tiles of elec.		Size, in.	
No.	Model		
No. 233		6 x 1/8	
No. 234		6 x 3/16	
No. 430—Male	63	7 1/4 x 7/8	
No. 431—Female	5	8 x 1/2	
		9 x 1/2	
		10 x 1/2	

SKIL Lubricants

"ARMOR PLATE" PROTECTION FOR MOVING PARTS FLOW FREELY UNDER ADVERSE CONDITIONS

For SKIL Saws Without Leather Oil Seals
 Models "W", "J", "E", "S", "O", "A", "R"
 Model "77"—110 volts—Serial No. 149699 and below.
 Model "77"—All other voltages—Serial No. 149513 and below.
 Model "87"—110 volts—Serial No. 151865 and below.
 Model "87"—All other voltages—Serial No. 158577 and below.
 No. 222—1/2 lb. tube.
 No. 221—2 lb. can.
 No. 223—5 lb. can.
 For SKIL Saws With Leather Oil Seals
 Models "67", "825", "107", "127", "2127"

Model "77"—110 volts—Serial No. 145700 and above.
 Model "77"—All other voltages—Serial No. 149514 and above.
 Model "87"—110 volts—Serial No. 151866 and above.
 Model "87"—All other voltages—Serial No. 158578 and above.
 No. 249—8 oz. can.
 No. 264—1 pt. can.
 No. 267—1/2 gallon can.
 For SKIL Saw Model "800"
 No. 255—1/2 lb. tube.
 No. 254—2 lb. can.
 No. 256—5 lb. can.

at 45° depth 31 cut.
 With Model 800 cuts lumber to 18"

SAW STEEL BLADES

hold their edges on toughest jobs.

Made from the finest steel, carefully tempered to attain best edge-holding qualities. Tensioned and balanced to give vibration-free performance. Selection of the blades best suited to your needs will guarantee satisfaction and longer service.

combination



For all around work. Most frequently selected, most popular SKIL Saw Blade.

No.	Diam.
376	6 in.
377	7 1/4 in.
378	8 in.
388	8 1/4 in.
379	9 in.
380	10 in.
382	12 in.

rip



The fastest blade for rip work. For 10 and 12 inch SKIL Saws only. Smaller SKIL Saws use the Combination Blade.

No.	Diam.
9764	10 in.
330	12 in.

cross-cut

Best for cross-cut work. Also practical for use as combination rip and cut-off blade in hard woods.

No.	Diam.
309	6 in.
356	7 1/4 in.
293	8 in.
350	8 1/4 in.
357	9 in.
9763	10 in.
334	12 in.

For cutting Celotex or similar soft wallboard with bearing material. Not for plasterboard.

No.	Diam.
780	6 in.
365	7 1/4 in.
281	8 in.
361	8 1/4 in.

For very smooth cutting. Ideal for finish work.

No.	Diam.
314	6 in.
367	7 1/4 in.
9757	8 in.
383	9 in.
9758	10 in.

For cutting light gauge flat or corrugated sheets of iron, such as metal roofing. To be used only with Model "77" or larger.

No.	Diam.
9768	6 in.
9769	8 in.

For repairing old floors where nails are encountered. Use a blade 1 to 2 inches smaller than maximum size for your SKIL Saw.

No.	Diam.
9775	6 in.
358	7 1/4 in.
348	8 in.
359	9 in.
349	10 in.

metal chipping

For cutting non-ferrous metals such as sheet and tube copper, brass and aluminum.

No.	Diam.
9813 (for Heavy Aluminum)	7 in.
9814 (for Copper, Brass, and Sheet Aluminum)	7 in.

groover

For Dado and Plough operations. Groover Blades up to 3/8 inch width may be used on Models "77," "825," "800" and "87" and up to 1/2 inch on Models "107" and "127." To use wider blades on SKIL Saws, the left hand side of their bases should be cut away. All SKIL Saw Groover Blades have 5 1/2 inch diameters.

No.	Size
300	1/8 in.
9748	1/4 in.
9745	3/8 in.
9746	1/2 in.
9747	3/4 in.
9759	1 in.
9751	1 1/4 in.

SKIL CUT-OFF (abrasive disc)



cut or score even the toughest materials
— concrete, stone, tile, marble, slate,
cast iron and alloy steels.

Highest quality electric furnace abrasives are used. All discs are bonded with phenol-resin or rubber for strength and longer life. Steel insert reinforces arbor hole to eliminate breakage. Order carefully for each specific kind of work. May be used with Water Feed Attachment for dustless operation.

for concrete

Used for cement, concrete, mortar, building brick, haydite block, precast stone, glazed brick, terra cotta, ar-ke-tex tile, firebrick, roofing and sewer tiles, limestone, terrazzo, art marble and building tiles.

No.	Size, in.
7939	6 x 1/8
7940	6 x 3/16
7941	6 x 1/4
7942	6 x 5/8
7943	7 1/4 x 1/8
7944	8 x 1/8
7945	8 x 1/4
7946	9 x 1/8
7947	10 x 1/8
7948	12 x 1/8

for tile

Used for harder tiles and other manufactured ceramic, clay and stone products generally having a dense, non-porous surface structure, such as glazed and ceramic tiles.

for marble

For all marbles, slate, Wisconsin Lannon, Travertine, Group highly compressed natural and artificial substances sufficient texture to permit polishing materials which are hard.

Size, in.
6 x 1/8
6 x 3/16
6 x 1/4
6 x 5/8
7 1/4 x 1/8
8 x 1/8
8 x 1/4
9 x 1/8
10 x 1/8
12 x 1/8

for granite

Granite and crab orchard stone can be cut only by successive scoring. Only marble cutting discs should be used. Materials such as refractory brick and non-slip tiles of electric furnace abrasives cannot be cut with Cut-off Wheels.

for asbestos cement sheets

Used for hard compressed asbestos, also plastics such as bakelite and other close textured manufactured rigid materials of fibrous rather than granular structure.

No.	Size, in.
7963	6 x 1/8
7964	7 1/4 x 1/8
7965	8 x 1/8
7966	8 x 1/4
7967	10 x 1/8
7968	12 x 1/8

for cast iron

For ferrous metals of low tensile strength, as cast iron; also non-ferrous materials as bronze and Monel.

No.	Size, in.
7969	6 x 1/8
7970	7 1/4 x 1/8
7971	8 x 1/8
7972	9 x 1/8
7973	10 x 1/8
7974	12 x 1/8

for alloy steels

Used for high tensile strength metals generally ferrous, including alloy steels, soft iron sheets, and enameled sheets.

No.	Size, in.
7975	6 x 1/8
7976	7 1/4 x 1/8
7977	8 x 1/8
7978	9 x 1/8
7979	10 x 1/8
7980	12 x 1/8

quantity discounts

Applying on single orders for one type or an assortment:

Up to 11: List Price
12 to 24: Discount of 10%
25 to 99: Discount of 20%
100 and over: Discount of 30%

SKIL DIAMOND GRIT BLADES

Combines diamond hardness with steel strength for fastest cutting of stone and masonry materials—concrete, glass, tile, marble and asbestos cement products.



Embedded diamond grit gives this SKIL Saw Blade a faster-working, longer-lasting edge that cuts off stone and masonry materials cleaner, smoother and without dust. Outlasts abrasive discs. There's only 1/8 in. loss of radius during the entire life of the blade. Saves time... eliminates need of frequent adjustment of saw base when doing scoring work. It's shatterproof... no danger of flying pieces of abrasive. It's dustless... a practical, easy-to-install water attachment saves water at point of cut. This blade cannot be used dry. See SKIL Saw Water Feed Attachment.

LIST OF SKIL DIAMOND GRIT BLADES

Thickness: .040 in., light duty	No.	Size in Inches	Fits SKIL SAW Model No.
.050 in., medium duty	340	7 x .040	"77"
.06 in., heavy duty. Blades marked (*) are recommended for general use.	341	7 x .050	"77"
They are stored by your distributor. Other blades are available on special order.	342	7 x .064	"77"
	343	8 x .040	"825"
	344	8 x .050	"825"
	45	8 x .064	"825"
	70	9 x .040	"87"
	71	9 x .050	"87"
	372	9 x .064	"87"
	373	10 x .040	"107" & "127"
	374	10 x .050	"107" & "127"
	375	10 x .064	"107" & "127"

TIPPED BLADES

Be... longer!

... SKIL... tips

cutting... tearing material

No. 955P—S

SKIL WATER FEED ATTACHMENT



for cool, dust-free cutting with Diamond Grit Blades or Abrasive Discs.

Easily attached to any current model SKIL Saw. Perforated fork supplies water to both sides of blade. Equipped with 20 ft. of hose with standard connection for attaching to faucet or extension water hose. Must be used with Diamond Grit Blades; may also be used with Cut-off Wheels.

No. 5750—For all SKIL Saws except Models 177, 800, No. 5748—For Model 800. (Use Cut-off Wheels only.)

SKIL ADJUSTABLE RIP FENCE

makes SKIL Saw self-guiding on all rip cuts.

To save repeated measuring and marking, adjustable rip fence fits on front of base. Cuts saw accurately to rip wood to uniform width.

No. 9726—For Models 67, 87, 107, 127, 154, 180, 2127. Length of adjustment, 2 1/2 inch.
No. 1890 or No. 154—For Models 77, 825, 800, 87, 107, 127 and 2127. Length of adjustment, 6 in. Specify model and serial number of SKIL Saw when ordering.



To secure maximum efficiency from the SKIL Saw, kept sharp by proper filing. These two files and set are needed for this work.
No. 284—Factory method, "hammer set" type. Do fast work. Adjustable for setting 4 in. to 12 in. diameter. Simply place blade in position on anvil shown by illustration. Strike anvil two or three blows with hammer on each too alternate teeth—turn blade over and repeat.

FILES FOR SKIL SAW BLADES

No. 210—Where gullets between saw teeth are found. Must be kept so for proper cutting and to prevent rocking. This round, slim, tapered file is used for this purpose.

No. 228—Highest quality mill-cut steel. Specially shaped. Avoids distortion in shape of teeth.

SAW STUD WRENCH

No. 266—fits all current model SKIL Saws.

SKIL RADIAL

CONVERTS



For Skil Saw by two
Extra equipment, 4 steel legs with 12 ball joints and washers.
Net weight, 18 lbs.

Radial Support

Arm: 1" square hard steel with front and rear rollers and bumpers. Maximum extension, 22 1/2".

Bearings: Arm rolls between 8 ball bearings.

Vertical Adjustment: 6 1/2" maximum.

Radial Range: 90°, 45° right or left.

Swivel Capacity: 0° to 45°.

Table Size: 8 1/2" x 40".

Welded 4" channel steel with bolt holes for steel legs.

3" diameter cast iron. Adjusts vertically by means of

bracket, thread and hand wheel.

Lock Levers: cast bracket with adapter assembly.

Color Scheme: Robs. Oversize for quick, convenient adjustments.

eye ease. Green to lessen reflections, provide greater

Net Weight: 175 lbs., less

Shipping Weight: 220 lbs.

Maximum Width and Depth of Cut
With Model 77 cuts lumber to 18" wide, 2 1/8" vertical depth of cut, 17 1/8" at 45°.
With Model 325 cuts lumber to 18" wide, 2 1/8" vertical depth of cut, 2 1/8" at 45°.
With Model 87 cuts lumber to 17" wide, 3" vertical depth of cut, 2 1/8" at 45°.
With Model 100 cuts lumber to 18" wide, 2 1/8" vertical depth of cut, 2 1/8" at 45°.